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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) SEP 11 2002 PATENT & TRADEMARK OFFICE		Application Number	09/714,602
		Filing Date	November 16, 2002
		First Named Inventor	David William Holden
		Group Art Unit	1636
		Examiner Name	G. Leffers
Sheet 1 of 1	Attorney Docket Number	RPMS 101 CON (3)	

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ADD	X	BROWN, et al., "Molecular analysis of the <i>rfb</i> gene cluster of <i>Salmonella serovar muenchen</i> (strain M67): the genetic basis of the polymorphism between groups C2 and B," <i>Molecular Microbiology</i> 6(10): 1385-1394 (1992).	
ADD	X	FITTS, "Development of a DN-DNA hybridization test for the presence of <i>salmonella</i> in foods," <i>Food Technology</i> 95-102 (1985).	

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
BAZ		5,397,697		Lam, et al.	03-14-1995	<b>RECEIVED</b>  <b>JUN 20 2002</b>  <b>TECH CENTER 1600/2900</b>
		5,527,674		Guerra, et al.	06-18-1996	
		5,700,638		Stover, et al.	12-23-1997	
		5,700,928		Hodgeson, et al.	12-23-1997	
		5,876,931		Holden	03-02-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Office. <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
BAZ		WO	92/01056		Institut Pasteur; Institut National De La Recherche Medical	01-23-1992		
		WO	93/04202		Washington University	03-04-1993		
BAZ		WO	94/26933		The Board of Trustees of the Leland Stanford Junior University	11-24-1994		

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AD		ADACHI, et al., (Abstract) "Isolation of Dictyostelium discoideum cytokinesis mutants by restriction enzyme-mediated integration of the blasticidin S resistance marker," <i>Biochem. Biophys. Res. Comm.</i> 205:1808-1814 (1994).	
		ALBUS, et al., "Virulence of Staphylococcus aureus mutants altered in type 5 capsule production," <i>Infect. Immun.</i> 59:1008-1014 (1991).	
		ALDHOUS, "Fast Track To Disease Genes," <i>Science</i> 265:2008-2010 (1994).	
		ANTHONY, et al., (Abstract) "Transformation and allelic replacement in Francisella spp," <i>J. Gen. Microbiol.</i> 137:2697-2703 (1991).	
		ARTIGUENAVE, et al., "High-efficiency transposon mutagenesis by electroporation of a Pseudomonas fluorescens strain," <i>FEMS Microbiol. Lett.</i> 153:363-369 (1997).	
		BAINTON, et al., "Immunity of children to diphtheria, tetanus, and poliomyelitis," <i>British Medical Journal</i> 1:854-57 (1979).	
		BLACK, et al., "Restriction enzyme-mediated integration elevates transformation frequency and enables co-transfection of Toxoplasma gondii," <i>Mol. Biochem. Parasitol.</i> 74:55-63 (1995).	
		BLASCO, et al., "Nitrate reductases of Escherichia coli: Sequence of the second nitrate reductase and comparison with that encoded by the narGHJI operon," <i>Mol. Gen. Genet.</i> 222:104-111 (1990).	
		BOLKER, et al., "Tagging pathogenicity genes in Ustilago maydis by restriction enzyme-mediated integration (REMI)," <i>Mol. Gen. Genet.</i> 248, 547-552 (1995).	
		BROWN, et al., 19th Fungal Genetics Conference, 18-23 March 1997 (Asilomar Conference Centre, Pacific Grove, CA, 1997).	

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ADL	X	CAMILI, et al., "Insertional Mutagenesis Of <i>Listeria Monocytogenes</i> With A Novel Tn917 Derivative That Allows Direct Cloning Of DNA Flanking Transposon Insertions", <i>J. Bacteriol.</i> 172:3738-3744 (1990).	
	X	CARTER & COLLINS, "The Route Of Enteric Infection In Normal Mice," <i>J. Exp. Med.</i> 139:1189-1203 (1974).	
	X	CHEUNG, et al., "Regulation of exoprotein expression in <i>Staphylococcus aureus</i> by a locus (sar) distinct from agr," <i>Proc. Natl. Acad. Sci. USA</i> 89:6462-6466 (1992).	
	X	CHIANG & MEKALANOS, "Use of signature-tagged transposon mutagenesis to identify <i>Vibrio cholerae</i> genes critical for colonization," <i>Mol. Microbiol.</i> 27:797-805 (1998).	
ADL	X	CHUANG, et al., "Global regulation of gene expression in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 175:2026-2036 (1993).	
	X	CORREIA, et al., "Insertional inactivation of binding determinants of <i>Streptococcus crista</i> CC5A using Tn916," <i>Oral Microbiol. Immunol.</i> 10:220-226 (1995).	
	X	DOLGANOV & GROSSMAN, "Insertional inactivation of genes to isolate mutants of <i>Synechococcus</i> sp. strain PCC 7942: isolation of filamentous strains," <i>J. Bacteriol.</i> 175:7644-7651 (1993).	
ADL	X	DUNYAKL, et al., "Identification of <i>Salmonella</i> pathogenicity island 2 (SPI2) genes in <i>Salmonella choleraesuis</i> using signature-tagged mutagenesis," <i>Abstracts of the 97<sup>th</sup> General Meeting of the American Society for Microbiology</i> B-275, May 4-8, 1997.	
	X	FIELDS, et al., "A <i>Salmonella</i> Locus That Controls Resistance To Microbicidal Proteins From Phagocytic Cells," <i>Science</i> 243:1059-1062 (1989).	
ADL	X	FINLAY, et al., "Identification And Characterization Of TnphoA Mutants Of <i>Salmonella</i> That Are Unable To Pass Through A Polarized MDCK Epithelial Cell Monolayer," <i>Mol. Microbiol.</i> 2:757-766 (1988).	

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AA	X	FREESTONE, et al., "Stabilized 17D strain yellow fever vaccine:dose response studies, clinical reactions and effects on hepatic function," <i>Journal of Biological Standardization</i> 5:181-186 (1977).	
	X	GAILLARD, et al., "Transposon mutagenesis as a tool to study the role of hemolysin in the virulence of <i>Listeria monocytogenes</i> ," <i>Infect. Immun.</i> 52:50-55 (1986).	
AA	X	GALAN, et al., "Molecular And Functional Characterization Of The Salmonella Invasion Gene invA: Homology Of InvA To Members Of A New Protein Family," (1992).	
	X	GROISMAN & OCHMAN, "How To Become A Pathogen," <i>Trends Microbiol.</i> 2:289-293 (1994).	
	X	GROISMAN & SAIE, "Salmonella Virulence: New Clues To Intramacrophage Survival," <i>Trends In Biochem. Sci.</i> 15:30-33 (1990).	
	X	GROISMAN, et al., "Molecular, Functional And Evolutionary Analysis Of Sequences Specific To Salmonella," <i>Proc. Natl. Acad. Sci. USA</i> 90:1033-1037 (1993).	
AA	X	GROISMAN, et al., "Salmonella Typhimurium phoP Virulence Gene Is A Transcriptional Regulator," <i>Proc. Natl. Acad. Sci. USA</i> , 86:7077-7081 (1989).	
	X	HAN, et al., "Tn5 tagging of the phenol-degrading gene on the chromosome of <i>Pseudomonas putida</i> ," <i>Mol. Cells</i> 7:40-44 (1997).	
AA	X	HENSEL, et al., "Simultaneous Identification Of Bacterial Virulence Genes By Negative Selection," <i>Science</i> 269:400-403 (1995).	
AA	X	HENSEL, et al., "Analysis of the boundaries of <i>Salmonella</i> pathogenicity island 2 and the corresponding chromosomal region of <i>Escherichia coli</i> K-12," <i>Journal of Bacteriology</i> 179:1105-1111 (1997).	

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AAJ	X	HOLLAND, et al., "Tn916 Insertion Mutagenesis In Escherichia Coli And Haemophilus Influenzae Type b Following Conjugative Transfer," <i>J. Gen. Microbiol.</i> 138:509-515 (1992).		
	X	JIANG, et al., "Structure and sequence of the rfb (O antigen) gene cluster of Salmonella serovar typhimurium (strain LY2)," <i>Mol. Microbiol.</i> 5:695-713 (1991).		
AAJ	X	JUNTENEN-BACKMAN, et al., "Safe immunization of allergic children against measles, mumps, and rubella," <i>AJDC</i> 141:1103-1105 (1987).		
AAJ	X	KAHRS, et al., "Generalized transposon shuttle mutagenesis in Neisseria gonorrhoeae: a method for isolating epithelial cell invasion-defective mutants," <i>Mol. Microbiol.</i> 12:819-831 (1994).		
	X	KIM, et al., "The hrpA and hrpC operons of Erwinia amylovora encode components of a type III pathway that secretes harpin," <i>J. Bacteriol.</i> 179(5):1690-1697 (1997).		
	X	KEAHY, et al., "Transposon mutagenesis in Acinetobacter calcoaceticus RAG-1," <i>J. Bacteriol.</i> 175:1838-1840 (1993).		
AAJ	X	LEE & FALKOW, "Isolation of Hyperinvasive Mutants of Salmonella," <i>Methods Enzymol.</i> 265:531-545 (1994).		
AAJ	X	LEVINE, et al., "Salmonella vaccines" in <i>New Antibacterial Strategies</i> (Neu, HC, ed.), pp. 89-104, (Churchill Livingstone:London, 1990).		
AAJ	X	LISITSYN, et al., "Cloning The Difference Between Two Complex Genomes," <i>Science</i> 259:946-951 (1993).		
AAJ	X	LISITSYN, et al., "Direct Isolation Of Polymorphic Markers Linked To A Trait By Genetically Directed Representational Difference Analysis," <i>Nature Genetics</i> 6:57-63 (1994).		
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AA		LU, et al., "Tagged Mutations At The Tox1 Locus Of Cochliobolus Heterostrophus By Restriction Enzyme-Mediated Integration," <i>Proc. Natl. Acad. Sci. USA</i> 91:12649-12653 (1994).	
AA		MAHAN, et al., "Selection Of Bacterial Virulence Genes That Are Specifically Induced In Host Tissues," <i>Science</i> 259:686-688 (1993).	
		MAURIZI, et al., "Sequence and Structure of Clp P, the Proteolytic Component of the ATP-Dependent Clp Protease of <i>Escherichia coli</i> ," <i>J. Biol. Chem.</i> 265(21):12538-45 (1990).	
AA		MEI, et al., "Identification of <i>Staphylococcus aureus</i> virulence genes in a murine model of bacteraemia using signature-tagged mutagenesis," <i>Mol. Microbiol.</i> 26:399-407 (1997).	
		MEDIA-RUIZ, et al., "Isolation and characterization of an <i>Azotobacter vinelandii</i> algK mutant," <i>FEMS Microbiol. Lett.</i> 156:101-106 (1997).	
AA		MILLER, et al., "A Two-Component Regulatory System (phoPphoQ) Controls <i>Salmonella Typhimurium</i> Virulence," <i>Proc. Natl. Acad. Sci. USA</i> 86:5054-5058 (1989).	
AA		MILLER, et al., "Isolation Of Orally Attenuated <i>Salmonella Typhimurium</i> Following TnpHoA Mutagenesis," <i>Infection Immun.</i> 57:2758-2763 (1989).	
AA		MORRISON, et al., "Isolation of transformation-deficient <i>Streptococcus pneumoniae</i> mutants defective in control of competence, using insertion-duplication mutagenesis with the erythromycin resistance determinant of pAM beta 1," <i>J. Bacteriol.</i> 159:870-876 (1984).	
		MYERS & MYERS, "Isolation and characterization of a transposon mutant of <i>Shewanella putrefaciens</i> MR-1 deficient in fumarate reductase," <i>Let. Appl. Microbiol.</i> 25:162-168 (1997).	
AA		NELSON, et al., "Genomic Mismatch Scanning: A New Approach To Genetic Linkage Mapping," <i>Nature Genetics</i> 4:11-17 (1993).	

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		Application Number	09/714,602
		Filing Date	November 16, 2000
		First Named Inventor	David William Holden
		Group Art Unit	1636
		Examiner Name	Letters
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	*	NORGREN, et al., "A method for allelic replacement that uses the conjugative transposon Tn916: deletion of the emm6.1 allele in <i>Streptococcus pyogenes</i> JBS4," <i>Infect. Immun.</i> 57:3846-3850 (1989).	
AAZ		OCHMAN & GROISMAN, "Distribution of pathogenicity islands in <i>Salmonella</i> spp." <i>Infection and Immunity</i> 64:5410-12 (1996).	
AAZ		PANG, et al., "Typhoid fever--important issues still remain," <i>Trends Microbiol.</i> 6, 131-133 (1998).	
AAZ		PASCOPELLA, et al., "Use Of In Vivo Complementation In <i>Mycobacterium Tuberculosis</i> To Identify A Genomic Fragment Associated With Virulence," <i>Infection Immun.</i> 62:1313-1319 (1994).	
AAZ		PELICIC, et al., "Genetic advances for studying <i>Mycobacterium tuberculosis</i> pathogenicity," <i>Molecular Microbiology</i> 28:413-420 (1998).	
		PLUNKETT, EMBL ID NO:EC29479, ACCESSION NO.: U29579 (March 4, 2000).	
AAZ		POLISSI, et al., <i>Fourth European Meeting on the Molecular Biology of the Pneumococcus</i> , Abstract A.18 (1997).	
AAZ		RAMAKRISHNAN, et al., "Mycobacterium marinum causes both long-term subclinical infection and acute disease in the leopard frog ( <i>Rana pipiens</i> )," <i>Infect. Immun.</i> 65:767-773 (1997).	
		REGUE, et al., "A generalized transducing bacteriophage for <i>Serratia marcescens</i> ," <i>Res. Microbiol.</i> 142:23-27 (1991).	
AAZ		RELLA, et al., "Transposon insertion mutagenesis of <i>Pseudomonas aeruginosa</i> with a Tn5 derivative: application to physical mapping of the arc gene cluster," <i>Gene</i> 33:293-303 (1985).	
Examiner's Signature			Date Considered 9-30-02

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		Group Art Unit	1636
		Examiner Name	Leffers
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		ROBERTS, et al., "Cloning of the egl gene of <i>Pseudomonas solanacearum</i> and analysis of its role in phytopathogenicity," <i>J. Bacteriol.</i> 170:1445-1451 (1988).
		BOOS, et al., "Tagging genes and trapping promoters in <i>Toxoplasma gondii</i> by insertional mutagenesis," <i>Methods</i> 13:112-122 (1997).
AA2		ROTT, et al., "At least two separate gene clusters are involved in albicidin production by <i>Xanthomonas albilineans</i> ," <i>J. Bacteriol.</i> 178:4590-4596 (1996).
		ROUDIER, et al., "Characterization of translation termination mutations in the <i>spv</i> operon of the <i>Salmonella</i> virulence plasmid pSDL2," <i>J. Bacteriology</i> 174:6418-6423 (1992).
		ROUDIER, et al., "Characterization of translation mutations in the <i>spv</i> operon of the <i>Salmonella</i> virulence plasmid pSDL2," <i>J. Bacteriol.</i> 174:6418-6423 (1992).
AA2		SCHIELST & PETES, "Integration of DNA fragments by illegitimate recombination in <i>Saccharomyces cerevisiae</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 88:7585-7589 (1991).
		SHAFETZSKY, et al., "A novel approach to insertional mutagenesis of <i>Haemophilus influenzae</i> ," <i>J. Bacteriol.</i> 173:561-1564 (1991).
AA2		SHEA, et al., "Influence of the <i>Salmonella typhimurium</i> pathogenicity island 2 type III secretion system on bacterial growth in the mouse," <i>Infection and Immunity</i> 67:213-219 (1999).
AA2		SLAUCH, et al., "In Vivo Expression Technology For Selection Of Bacterial Genes Specifically Induced In Host Tissues," <i>Methods Enzymol</i> 235:481-492 (1994).
AA2		SMITH, et al., "Genetic Footprinting: A Genomic Strategy For Determining A Gene's Function Given Its Sequence," <i>Proc. Natl. Acad. Sci. USA</i> 92:6479-6483 (1995).

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APD		SMITH, et al., "Virulence Of Aspergillus Fumigatus Double Mutants Lacking Restriction And An Alkaline Protease In A Low-Dose Model Of Invasive Pulmonary Aspergillosis," <i>Infection Immun.</i> 62(4):1313-1319 (1994).
		STEIN, EMBL ID NO:ST51867, ACCESSION NO.: U51867 (March 4, 2000).
		STOHLJKOVIC, et al., "Ethanolamine utilization in Salmonella typhurium: nucleotide sequence, protein expression, and mutational analysis of the cchA cchB eutE eutJ eutG eutH gene cluster," <i>J. Bacteriol.</i> 177(8):1357-66 (1995).
		SUBRAMANIAN, et al., "Rapid mapping of Escherichia coli::Tn5 insertion mutations by REP-Tn5 PCR" <i>PCR Methods</i> 1, 187-192 (1992).
APD		SUTHERLAND & SPRINGETT, "Effectiveness of BCG vaccination in England and Wales in 1983," <i>Tubercle</i> 68(2):81-92 (1987).
		TAM & LEFEBVRE, "Cloning of flagellar genes in Chlamydomonas reinhardtii by DNA insertional mutagenesis" <i>Genetics</i> 135:375-384 (1993).
APD		TRIEU-CUOT, et al., "An integrative vector exploiting the transposition properties of Tn1545 for insertional mutagenesis and cloning of genes from gram-positive bacteria," <i>Gene</i> 106:21-27 (1991).
APD		WALSH & CEPKO, "Widespread Dispersion Of Neuronal Clones Across Functional Regions Of The Cerebral Cortex," <i>Science</i> 255:434-440 (1992).
		WOOLEY, et al., "Transfer of Tn1545 and Tn916 to Clostridium acetobutylicum," <i>Plasmid</i> 22:169-174 (1989).

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